

Title (en)
STEREOTACTICAL INSTRUMENT

Title (de)
STEREOTAKTISCHES GERÄT

Title (fr)
INSTRUMENT STEREOTAXIQUE

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Application
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Abstract (en)
[origin: US5681326A] PCT No. PCT/SE94/00574 Sec. 371 Date Nov. 3, 1995 Sec. 102(e) Date Nov. 3, 1995 PCT Filed Jun. 13, 1994 PCT Pub. No. WO94/28817 PCT Pub. Date Dec. 22, 1994A stereotactical instrument for identifying a spatial position of an area in a patient's body which is to be subjected to treatment, preferably radiation treatment, the position of the area being previously determined, for example, by an angiogram, PET, DSA, CT, MRI, or X-ray equipment. The instrument includes a non-yielding and radiolucent frame which is arranged to support the patient's body and to support an indicating device, a radiolucent fixing device which is arranged inside the frame and on which the patient's body is intended to rest, the fixing device including a flexible casing which contains a yieldable substance, at a first stage the fixing device being adapted to permit that the patient is oriented in a desired position, partly sunk into the fixing device, and at a second stage the yieldable substance of the fixing device being given a non-yielding state, thereby fixing the patient in the desired position, and a partially non-radiolucent orienting device which is mounted on at least one longitudinal side of the frame and which is adapted to indicate the position of an image sectional plane through the area in the patient's body.

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